

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

(X) Original () Supplemental () Substitute () PCT () Design

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: COMMUNICATION SYSTEM

of which is described and claimed in:

- () the attached specification, or
 () the specification in the application Serial No. ____ filed ____;
 and with amendments through ____ (if applicable), or
 () the specification in International Application No. PCT/____, filed ____, and as amended
 on ____ (if applicable).

(X) letters patent number 5,600,672 granted on February 4, 1997 and in the attached specification for which I solicit a reissue patent.

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
Japan	3-62798	March 27, 1991	Yes
Japan	3-95813	April 25, 1991	Yes
Japan	3-155650	May 29, 1991	Yes
Japan	3-182236	July 23, 1991	Yes
Japan	4-60739	March 17, 1992	Yes
Japan	5-132984	May 10, 1993	Yes
Japan	5-261612	September 24, 1993	Yes
Japan	5-349972	December 27, 1993	Yes
Japan	6-79668	March 24, 1994	Yes

I verily believe that the above original patent is partly inoperative or invalid by reason of claiming less than I had a right to claim.

A Statement of at least one error

The original patent claims claim less than I had a right to claim in that independent claim 8 recites a signal transmission and reception apparatus, thereby including the limitation that the apparatus is operable for both transmission and reception. This limitation is an unnecessarily and unduly restrictive limitation to the scope of claim 8 in that the apparatus can operate such that it is only a transmission apparatus without the requirement of reception or as a receiving apparatus without the requirement of transmission.

All errors being corrected in this reissue application up to the time of filing of the present declaration arose without any deceptive intention on my part or on my behalf.

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED
07/857,627	March 25, 1992	ABANDONED

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Jeffrey Nolton, Reg. No. 25,408; Warren M. Cheek, Jr., Reg. No. 33,367; Nils E. Pedersen, Reg. No. 33,145; and, Charles R. Watts, Reg. No. 33,142, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., jointly and severally, attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys named herein to accept and follow instructions from Matsushita Electric Industrial Co., Ltd. as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

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Full Name of First Inventor	FAMILY NAME OSHIMA	FIRST GIVEN NAME Mitsuaki	SECOND GIVEN NAME
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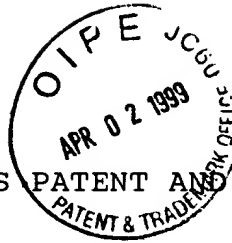
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I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor Atsushi Oshin Date February 18, 1999
Mitsuaki OSHIMA
2nd Inventor Seiji Sakashita Date February 18, 1999
Seiji SAKASHITA
3rd Inventor _____ Date _____
4th Inventor _____ Date _____
5th Inventor _____ Date _____

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date February 4, 1999
Applicant Reference Number MU-1296/P9558-04 Atty Docket No. 169/MU-1296/P9558-04
Title of Invention COMMUNICATION SYSTEM



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re reissue application of :
 U.S. Patent No. 5,600,672 : ATTN: BOX REISSUE
 Issued February 4, 1997 : Docket No. 169/MU-1296/
 Mitsuaki OSHIMA et al. : P9558-04
 Serial No. [NEW] :
 Filed February 4, 1999 :
 COMMUNICATION SYSTEM :

CONSENT OF ASSIGNEE AND 37 C.F.R. 3.73(b) STATEMENT

Assistant Commissioner for Patents,
 Washington, D.C. .

Sir:

The undersigned, assignee of the entire interest in the above-mentioned letters patent, hereby consents to the above-identified reissue application.

In accordance with 37 C.F.R. 3.73(b) the assignee hereby establishes its ownership of the above-identified U.S. patent by specifying that evidence of such ownership was recorded on October 10, 1996 in the U.S. Patent and Trademark Office at reel 8174, frame 0306. Accordingly, to the best of the assignee's knowledge and belief, title is in the assignee seeking to take this action.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information

and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under §1001, Title 18 of the U.S. Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

March 1, 1999
Date

Masaaki Ueda
(Signature of assignee)

Masaaki Ueda
Director, Intellectual Property Center
Authorized Signing Officer

Title